

## Nrf3 Polyclonal Antibody

<b>Catalog No :</b>	YT3190
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Nrf3
<b>Gene Name :</b>	NFE2L3
<b>Protein Name :</b>	Nuclear factor erythroid 2-related factor 3
<b>Human Gene Id :</b>	9603
<b>Human Swiss Prot No :</b>	Q9Y4A8
<b>Mouse Swiss Prot No :</b>	Q9WTM4
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human NFE2L3. AA range:491-540
<b>Specificity :</b>	Nrf3 Polyclonal Antibody detects endogenous levels of Nrf3 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	75kD

**Background :**

This gene encodes a member of the cap &apos;n&apos; collar basic-region leucine zipper family of transcription factors. The encoded protein heterodimerizes with small musculoaponeurotic fibrosarcoma factors to bind antioxidant response elements in target genes. This protein is a membrane bound glycoprotein that is targeted to the endoplasmic reticulum and the nuclear envelope. Pseudogenes of this gene are found on chromosomes 16, 17, and 18. [provided by RefSeq, Mar 2009],

**Function :**

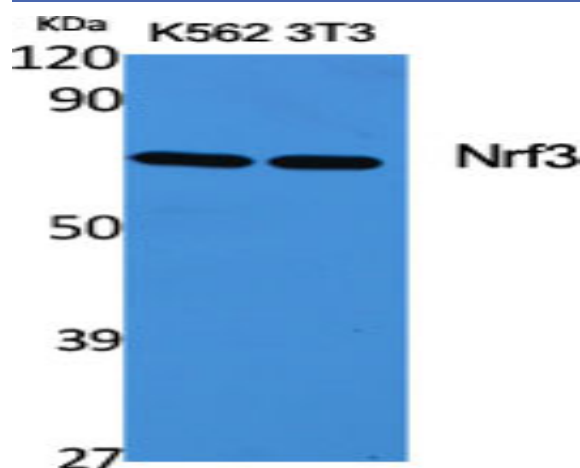
function:Activates erythroid-specific, globin gene expression.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. CNC subfamily.,similarity:Contains 1 bZIP domain.,subunit:Heterodimer with MAFG, MAFK and other small MAF proteins that binds to the MAF recognition elements (MARE).,tissue specificity:Highly expressed in human placenta and also in B-cell and monocyte cell lines. Low expression in heart, brain, lung, skeletal muscle, kidney and pancreas.,

**Subcellular Location :**

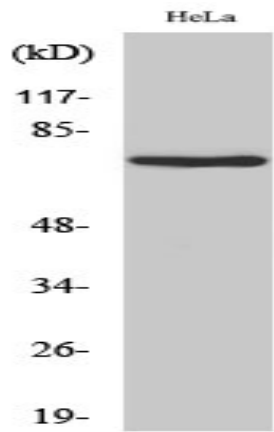
Nucleus .

**Expression :**

Highly expressed in human placenta and also in B-cell and monocyte cell lines. Low expression in heart, brain, lung, skeletal muscle, kidney and pancreas.

**Products Images**

Western Blot analysis of various cells using Nrf3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western Blot analysis of HeLa cells using Nrf3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).